

I am very concerned about the proposed BPL (broadband via Power lines). Data I have seen from ARRL field tests indicate that any HF communication between 2MHZ and 80MHZ will be affected to a very large extent. This seriously degrades emergency communications provided by Amateur radio. The noise level from BPL is S9 across all HF bands (S9 is considered to be a very strong signal). This level of interference has the potential to affect medical electronics devices used in Hospitals as well. I believe the Armed Forces use HF and they would have the HF communication degraded. The power lines that these BPL signals would use are very large long wire antennas which cause an increase ERP (effective radiated power) of the interfering BPL signal.

I have been a "Ham" radio operator for 50 years and have had a career as an Electronics Engineer and I am very much opposed to the introduction of this level of RF interference in the HF part of the spectrum.

Sincerely David W Mayor BSEE N4IG